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PTO/SB/21 (09-04)
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TDANOM	TTAL		10/572,778	·	
TRANSMI		Filing Date	March 21,	2006	
FOR	M	First Named Inventor	Stefan Ber		
		Art Unit	Not Known) 	
(to be used for all correspond	ence after initial filing)	Examiner Name	Not Known	1	
Total Number of Pages in This	Submission 19	Attorney Docket Number	101192-1F	us	
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	ENC	LOSURES (Check all	that apply)	
Fee Transmittal Form Fee Attached Amendment/Reply After Final Affidavits/decla Extension of Time Rec Express Abandonment Information Disclosure Certified Copy of Prior Document(s) Reply to Missing Parts Incomplete Application Reply to Missing under 37 CFR	aration(s) quest at Request a Statement rity Rema	Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence of C	Address	Appeof Appeof Appeof (Appeof Appeof A	, Il Search Report Il-Type Search Report
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Firm Name AstraZeneo	ca Pharmaceuticals (add	dress associated with Custom	ner No. 224	66)	
Signature Kong	en A K	ordiod			
Printed name Karen H. K	ondrad				
Date July 18, 20	06		Reg. No.	38,212	
	CERTIFIC	CATE OF TRANSMISS	SION/MA	ILING	
I hereby certify that this corres sufficient postage as first clas the date shown below:	spondence is being facs s mail in an envelope ac	imile transmitted to the USP ddressed to: Commissioner for	ΓO or depos or Patents, I	sited with the U P.O. Box 1450,	nited States Postal Service with Alexandria, VA 22313-1450 on
Signature /	Marie	W Grela	(1)		
Typed or printed name Mi	arie M. Greloch	111 141000	<u></u>	Date	July 18, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/572,778	Applicant: Stefan Berg, et. al.
371 Filing Date: March 21, 2006	Attorney Docket No.: 101192-1P US
Examiner: Not Known	Group Art Unit: Not Known
Customer No.: 22466	Confirmation No.: Not Known
Title: 3-Heterocyclyl-Indole Derivatives	as Inhibitors of Glycogen Synthase Kinase-3 (GSK3)

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 7-18-06

Signature

Marie M. Greloch

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir,

Applicants submit herewith a list of patents and publications pursuant to the duty to disclose in accordance with 37 C.F.R. § 1.56.

In accordance with 37 C.F.R. § 1.97 (g) and (h), the filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made or that the information cited is material to patentability as defined in 37 C.F.R. § 1.56.

In accordance with the U.S. Patent Office's partial waiver of the requirement under 37 C.F.R. 1.98(a)(2)(i), only copies of the foreign patent documents and non-patent publications are enclosed.

REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed:

	within three	e (3) months of the filing date of a national application other than a
	continued _I	prosecution application under 37 C.F.R. 1.53(d), or within three (3) months
	of the date	of entry of the national stage as set forth in 37 C.F.R. 1.491 in an
	internation	al application, or before the mailing of the first Office Action on the
	merits, or b	pefore the mailing of a first Office Action after the filing of a request for
	continued	examination under 37 C.F.R. 1.114; or
<u> </u>	•	eriod defined in (1) but before the mailing date of a final Action or a Allowance under 37 C.F.R. 1.311, and
		the requisite Statement is below, OR
		the Commissioner is hereby authorized to charge the requisite fee under 37 C.F.R. 1.17(p), namely \$180.00 to deposit account No. , referencing Attorney Docket No. , or
(3)		ailing date of a final Action or Notice of Allowance but before the f the Issue Fee , AND
		the requisite Statement is below, AND
		the Commissioner is hereby authorized to charge the requisite fee under 37 C.F.R. 1.17(p), namely \$180.00 to deposit account No. , referencing Attorney Docket No.

It is respectfully requested that each of the patents and publications listed on the attached Form SB08, and other information contained herein, be considered by the Examiner and made of record in this application

Although Applicants believe no fees are due, the Commissioner is hereby authorized to charge any deficiency in the fees or credit any overpayment to deposit account No. 26-0166 referencing Attorney Docket No. 101192-1P US.

STATEMENT

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that:

- (1) Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

Respectfully submitted,

Name: Karen H. Kondrad Dated: July 18, 2006

Reg. No.: 38,212 Phone No.: 302.886.8975

Global Intellectual Property, Patents, AstraZeneca,

1800 Concord Pike, Wilmington,

DE-19850-5437

Enclosures: Form SB08A Form SB08B

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

Cor	mplete if Known	
Application Number	10/572,778	
Filing Date	March 21, 2006	
First Named Inventor	Stefan Berg	
Art Unit	Not Known	
Examiner Name	Not Known	
Attorney Docket Number	101192-1P US	

			U. S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (d known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
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		FORE	IGN PATENT DOCU	IMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Π
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶
	A1	WO 03/055877 A1	07-10-2003	Stefan Berg, et. al.		
	A2	WO 03/055492 A1	07-10-2003	Stefan Berg, et. al.		
	А3	WO 03/053330 A2	07-03-2003	Stefan Berg, et. al.		
	A4	WO 02/30868 A1	04-18-2002	Gribkoff, et. al.		
	A5	WO 01/27081 A1	04-19-2001	Heckel, et. al.		
	A6	WO 03/082853 A1	10-09-2003	Stefan Berg, et. al.		

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Substitute for form 1449/PTO	Coi	mplete if Known
	Application Number	10/572,778
INFORMATION DISCLOSURE	Filing Date	March 21, 2006
	First Named Inventor	Stefan Berg
STATEMENT BY APPLICANT	Art Unit	Not Known
(Use as many sheets as necessary)	Examiner Name	Not Known
Sheet 2 of 2	Attorney Docket Number	101192-1P US

Examiner	Cite	Document Number	U. S. PATENT D	Name of Patentee or	Pages Columns Lines Where
Initials*	Cite No.1	Number-Kind Code ^{2 (d known)}	MM-DD-YYYY	Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		FORE	IGN PATENT DOCU	JMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ "Number ⁴ "Kind Code ⁵ (<i>if known</i>)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶
	A7	WO 97/42187	11.13.1997	Thomas, et. al.		
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	А3					
	A4					
	A5					
	A6					

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Signature	Considered	

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Not Known

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Art Unit (Use as many sheets as necessary) Examiner Name

Not Known Attorney Docket Number Sheet of 2 101192-1P US

	Г -	NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	A8	Imahori and Uchida, "Physiology and Pathology of Tau Protein Kinases in Relation to Alzheimer's Disease", J. Biochem, Vol. 121, page 179-188, 1997	
	A9	Hoshi, et al., "Regulation of Mitochondrial pyruvate Kinase 3β in Brain", PNAS, vol. 93, pages 2719-2723, 1996	
	A10	Bhat, et. al., "Regulation and Localization of Tyrosine Neuronal Degeneration", PNAS, vol. 97, page 11074-11079, 2000	
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	A12	Klein and Melton, "A Molecular Mechanism for the Effect of Lithium on Development", PNAS, vol. 93, page 8455-8459, 1996	
	A13	Kozlovsky, et. al., "Low GSK-3β Immunoreactivity of Schizophrenic Patients", Am. J. Psychiatry 2000 May, Vol 157(5), page 831-833	
	A14	Cotter, et. al., "Abnormalities of Wnt Signalling Neurodevelopmental Abnormality", Neuroreport, vol. 9, page 1379-1383, 1998	
	A15	Nikoulina, et. al., "Potential Role of Glycogen of Type 2 Diabetes", Diabetes 2000 Feb., Vol 49(2), pages 263-271	
	A16	Gat, et. al., "De Novo Hair Follicle a Truncated β-Catenin in Skin", Cell, 1998 Nov. 25, vol. 95(5), page 605-614	
	A17	Vijayaraghavan, et. al., "A Role for Phosphorylation Motility Regulation", Biol. Reprod., 2000 June, vol. 62(6), page 1647-1654	

Examiner	Date	
Signature	Considered	

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Substitute for form 1449/PTO				Complete if Known			
INFORMATION DISCLOSURE				Application Number	10/572,778		
				Filing Date	March 21, 2006		
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	Stefan Berg		
(Use as many sheets as necessary)				Art Unit	Not Known		
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Sheet	2	of	2	Attorney Docket Number	101192-1P US		

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Examiner Initials*	Cite No. ¹		
	A18	Naegeli, et. al., "2-Amino-Pyridin-5 Abkommlinge", Helv. Chim. Acta., Vol. 21, pages 1746-1756, 1938	
	A19	Sun, et. al., "Identification of Substituted 3 Tyrosine Kinases", J. Med. Chem. Bol. 43(14), pages 2655-2663 (2000)	
	A20	Tilley, et. al., "Synthesis of Heterocyclic Analogs of α-Methyldopa", J. Heterocyclic Chem., Vol. 16, Pages 333-337, 1979	
	A21	Krapcho, et. al., "Antispasmodics. I. Basic Amides of Benzilic Acid", J. Am. Chem. Soc., Vol. 77, pages 3632-3634, 1955	
	A22	Li Sun, et. al., "Design, Synthesis, and Evaluations of Substituted Tyrosine Kinases", J. Med Chem., Vol 42, pages 5120-5130, 1999	
	A23	L. Thunus, "Synthese et Proprietes (Substitution 2,5) (*)", Annales Pharmaceutiques Françaises, vol. 35, pages 197-204, 1977	
	A24	Tobias, et. al., "Novel Therapeutic Targets in Osteoporosis", Expert Opinion on Therapeutic Targets, Feb 2002, pages 41-46	

Examiner	 Date		
Signature	Consid	ered	

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